Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Sunday 04 Sep 2022 until 23:59 on Monday 05 Sep 2022

Forecast Issued on Saturday 03 Sep 2022 at 13:59

Confidence: High confidence in an unsettled, rainy spell of weather. Low confidence in timing and intensity of precipitation.

Headline for Sunday 04 Sep 2022: Cloudy with some rain, heavier and possibly thundery later.

Mountain weather hazards on Sunday 04 Sep 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Light rain showers	Light rain showers	Heavy rain showers	Heavy rain showers	Heavy rain showers
Precipitation probability							
10%	10%	30%	40%	30%	30%	40%	40%

Forecast for Sunday 04 Sep 2022

Weather: Cloudy with outbreaks of mainly light rain during the morning. Heavier rain is likely late afternoon and during the evening, perhaps turning thundery in places. Windy.

Chance of cloud-free hill tops above 600m: 40%

Low cloud and visibility: Low cloud is likely to cover the summits at first, with bases 400-500m. This may lift above the tops during the morning, but will lower again as rain arrives later. Good visibility outside of cloud, but poor in rain and very poor in cloud, making navigation difficult.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Sunday 04 Sep 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/23 S	17/25 SE	20/29 SE	20/28 SE	19/27 S	17/25 SE	16/24 SE	17/25 SE	16/25 SE
300	13/21 SE	15/24 SE	16/26 SE	17/27 SE	15/23 S	15/24 SE	12/20 SE	12/21 SE	13/23 SE
Valley	8/18 SE	9/21 SE	11/24 SE	11/24 SE	11/22 SE	11/23 SE	9/21 SE	8/20 SE	10/23 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/11	13/10	13/9	13/10	15/12	16/13	15/12	14/11	14/11
300	16/13	15/12	15/12	16/13	18/15	19/16	17/15	16/15	16/14
Valley	16/15	16/14	16/14	17/15	19/17	19/18	18/17	17/16	17/15
Freezing Level*	3000m	3100m	3000m	3100m	3100m	3000m	3000m	3000m	3000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Low confidence in precipitation details – heavier rain could arrive earlier than forecast.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sat 03 Sep 2022	0mm	0mm	0mm

Forecast for Monday 05 Sep 2022

Weather: Persistent rain and extensive low cloud are expected to clear northwards during the morning. Sunny spells will then allow showers to develop during the afternoon, these turning heavy and thundery in places before fading away early evening.

Maximum wind: South-easterly 15-20 mph gusting up to 30 mph.

Chance of cloud-free hill tops above 600m: 30% rising to 90%.

Low cloud and visibility: Extensive cloud as low as 300m at first, lifting above summits and breaking late morning. Poor visibility at first, very poor in cloud, becoming very good apart from brief deteriorations in showers.

Temperature: **Valleys:** Plus 14 Celsius rising to Plus 21 Celsius.
At 600m: Plus 12 Celsius rising to Plus 17 Celsius.
Freezing level: Above the summits.

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